

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III - 6th & Walnut Sts.
Philadelphia, Pa. 19106

ORIGINAL
(Red)

SUBJECT: Llangollen Landfill, Delaware,
on January 27, 1976

DATE: 2/4/76

FROM: William H. Schremp, P.E. *WHS*
Solid Waste Management

TO: Gordon M. Rapier, Director
Air and Hazardous Materials Division (3AH00)

THROUGH: Robert L. Allen, Chief
Hazardous Materials Branch (3AH30) *TKA*

A meeting was called by the Citizens Association in the area to discuss the county proposals to solve leachate problems at the Llangollen landfill near Wilmington, Delaware. The County Supervisor for the area, Joe Toner, discussed the following options:

1. Burn the material in the landfill.
2. Abandon the aquifer now contaminated.
3. Move the landfill to a new location.
4. Ocean dump.

The only practical option, number 3, will involve the following steps at an estimated cost of \$8 million for moving about 2 million cubic yards.

1. Acquire an adjoining gravel pit which will be lined with plastic above a 3-foot clay liner.
2. Move the material over a one-year period to new site.
3. Pump the aquifer for several years until clear.
4. Create a lake at old site after sealing bottom.

Pat Canzano discussed state role in granting permit and monitoring to protect water supplies.

Citizens raised the following points:

1. Chemicals might leak out of drums and destroy liner. (This is a valid concern).
2. Odors - technology is available.
3. Rats.
4. Noise.
5. Traffic - will be entirely off roads.
6. Is the preserving of the water supply worth the expenditure of over \$8 million? (probably is due to high cost of importing over 6 MGD from a distant location).

AR100161

cc: Barry Lauer - (65)
Bob Colonna - (56)